

IN THE CLAIMS:

Please cancel Claim 13, without prejudice or disclaimer of subject matter. Please amend Claims 1, 3-6, 10, 11, and 14, and add claim 15, as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended) A connection control method for an information processing apparatus, the method comprising:

a reception step of receiving identification information identifying a plurality of wireless ~~networks~~ network;

a joining step of automatically ~~wirelessly~~ joining ~~[[the]]~~ a first wireless network of the plurality of wireless networks identified by the identification information received in the reception step;

a search ~~an inquiry~~ step of searching for other ~~inquiring, of one or more~~ information processing apparatuses that have a function of performing a predetermined processing, in the first wireless network joined, ~~whether the one or more information processing apparatuses have a function of performing print processing~~;

a detection step of detecting, ~~if a response to the inquiring in the inquiry step is received, an information processing apparatus having the function of performing print processing in the wireless network joined according to the response to the inquiring in the inquiry step;~~

a request step of requesting, ~~if another~~ the print processing from the information processing apparatus having the function of performing ~~print~~ the predetermined processing is found based on the searching in the search step, [[if]] the other information processing apparatus

~~to perform the predetermined processing having the function of performing print processing in the wireless network is detected in the detection step; and~~

~~a changing step of automatically joining changing the wireless network joined previously to another a second wireless network of the plurality of networks identified by the identification information received in the reception step, if no information processing apparatus having the function of performing the predetermined print processing in the first wireless network joined previously is found based on the searching detected in the search detection step, searching for other information processing apparatuses that have the function of performing the predetermined processing in the second wireless network, and of requesting, if another information processing apparatus having the function of performing the predetermined print processing in the second wireless network is found based on the searching, the other information processing apparatus having the function of performing the predetermined print processing in the second wireless network to perform the predetermined processing or the print processing cannot be performed by the information processing apparatus requested to perform the print processing in the request step;~~

~~wherein, when the wireless network joined previously is changed in the changing step, the inquiring in the inquiry step, the detecting in the detection step, and the requesting in the request step are performed again.~~

2. (Canceled)

3. (Currently Amended) The method according to claim 1, wherein, in the request step, ~~the print processing is requested from another the other~~ information processing

apparatus is an apparatus searched for ~~that has first positively responded to the inquiring in the search inquiry-step.~~

4. (Currently Amended) The method according to claim 3, wherein, in the request step, if the predetermined print-processing performed by an information processing apparatus ~~that has searched for first positively responded to the inquiring in the search inquiry~~ step ends as an error, the predetermined print-processing is requested from another information processing apparatus found based on the searching ~~that has positively responded to the inquiring~~ in the search inquiry-step.

5. (Currently Amended) The method according to claim 1, further comprising an inquiry step of inquiring of other information processing apparatuses in each wireless network joined whether the other information processing apparatuses have the function of performing the predetermined processing, wherein, ~~in the inquiry step,~~ if each response to the inquiring is a negative response or no response exists, in the inquiry step, a determination is made in the search step that there is no information processing apparatus having the function of performing the predetermined print-processing in the wireless network joined.

6. (Currently Amended) The method according to claim ~~[[1]]~~ 5, wherein, in the inquiry step, an inquiry is made whether all information processing apparatuses ~~in the each~~ wireless network joined have the function of performing the predetermined print-processing.

7. (Previously Presented) The method according to claim 1, wherein the information processing apparatus wirelessly communicates according to a wireless LAN method defined by IEEE 802.11.

8. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an infrastructure mode defined by IEEE 802.11.

9. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an ad-hoc mode defined by IEEE 802.11.

10. (Currently Amended) An information processing apparatus comprising:  
reception means for receiving identification information identifying a plurality of wireless networks ~~network~~;

joining means for automatically ~~wirelessly~~ joining ~~[[the]]~~ a first wireless network of the plurality wireless networks identified by the identification information received by the reception means;

a search inquiry means for searching for other ~~inquiring, of one or more~~ information processing apparatuses that have a function of performing a predetermined processing, in the first wireless network joined, ~~whether the one or more information processing apparatuses have a function of performing print processing~~;

detection means for detecting, if a response to the inquiring by the inquiry means is received, an information processing apparatus having the function of performing print processing in the wireless network joined according to the response to the inquiring by the inquiry means;

request means for requesting, if another ~~the print processing from the information processing apparatus having the function of performing the predetermined print processing is found based on the searching by the search means, [[if]]~~ the other information processing apparatus having the function of performing ~~the predetermined print processing in the first~~ wireless network ~~to perform the predetermined processing is detected by the detection means;~~ and

changing means for ~~automatically joining changing the wireless network previously joined to another~~ a second wireless network ~~of the plurality of wireless network identified by the identification information received by the reception means, if no information processing apparatus having the function of performing the predetermined print processing in the first wireless network joined previously is found based on detected by the searching by the search~~ detection means, searching for other information processing apparatuses that have the function of performing the predetermined processing in the second wireless network, and for requesting, if another information processing apparatus having the function of performing the predetermined print processing in the second wireless network is found based on the searching, ~~the other information processing apparatus having the function of performing the predetermined print processing in the second wireless network to perform the predetermined processing or the print processing cannot be performed by the information processing apparatus requested by the request means to perform the print processing;~~

~~wherein, when the wireless network joined previously is changed by the changing means, the inquiring by the inquiry means, the detecting by the detection means, and the requesting by the request means are performed again.~~

11. (Currently Amended) A non-transitory computer-readable storage medium having computer-readable program codes stored therein that, when executed by a computer, cause the computer to perform a method comprising:

a reception step of receiving identification information identifying a plurality of wireless networks ~~network~~;

a joining step of ~~automatically wirelessly~~ joining ~~[[the]]~~ a first wireless network of the plurality of wireless networks identified by the identification information received in the reception step;

~~a search~~ ~~an inquiry~~ step of searching for other ~~inquiring, of one or more~~ information processing apparatuses that have a function of performing a predetermined processing, in the first wireless network joined, ~~whether the one or more information processing apparatuses in the wireless network have the function of performing print processing;~~

~~a detection step of detecting, if a response to the inquiring in the inquiry step is received, an information processing apparatus having the function of performing print processing in the wireless network joined according to the response to the inquiring in the inquiry step;~~

a request step of requesting, if another ~~the~~ print processing from the information processing apparatus having the function of performing predetermined print processing is found in the search step; and

a changing step of ~~automatically joining changing the wireless network joined previously to another~~ a second wireless network of the plurality of wireless networks identified by the identification information received in the reception step, if no information processing apparatus having the function of performing the predetermined print processing in the first wireless network joined previously is found based on the searching detected in the search ~~detection step, searching for other information processing apparatuses that have the function of performing the predetermined processing in the second wireless network, and of requesting, if~~ another information processing apparatus having the function of performing the predetermined print processing in the second wireless network is found based on the searching, the other information processing apparatus having the function of performing the predetermined print processing in the second wireless network to perform the predetermined processing ~~or the print processing cannot be performed by the information processing apparatuses requested to perform the print processing in the request step,~~

~~wherein, when the wireless network joined previously is changed in the changing step, the inquiring in the inquiry step, the detecting in the detection step, and the requesting in the request step are performed again.~~

12. and 13. (Canceled)

14. (Currently Amended) The method according to claim [[13]] 5, wherein, in the request step, the print predetermined processing is requested from an information processing apparatus that has positively responded to the inquiring in the inquiry step.

15. (New) The method according to claim 1, wherein the predetermined processing is print processing.